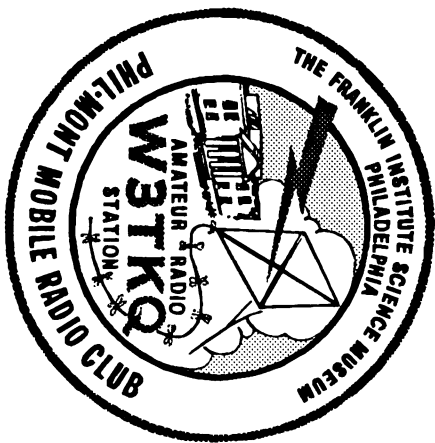


FIRST CLASS MAIL



A Publication of  
THE PHIL-MONT MOBILE RADIO CLUB, INC.  
c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114

# The Blur

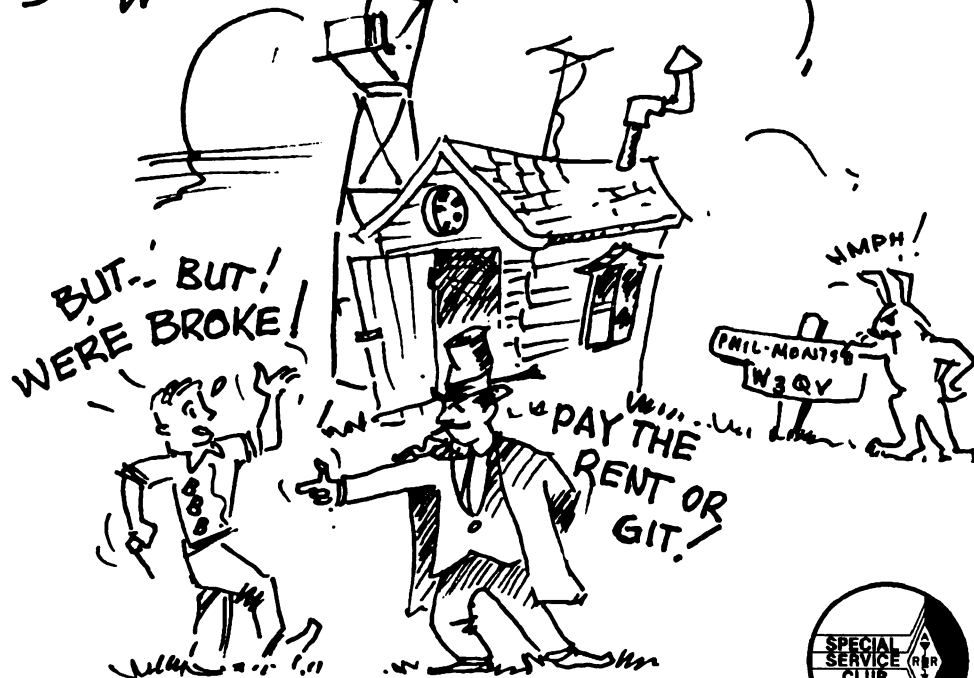


# The Blur

January 1996

SOME WHERE  
SOME WHERE  
BUT THERE  
SNIVELY  
WHIPLASH

THE SUN IS SHINING!!  
HEARTS ARE LIGHT  
IS NO JOY AT PHIL-MONT  
IS PUTTING US OUT!



Our 47th year



## VOLUME 46

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *Blur* subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets sometime after 7:30 p.m. on the first non-holiday WEDNESDAY of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or the parking garage on 21st street.

## ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m. - *SHARP!*

## CLUB INFORMATION

24-Hour Information Number at W3TKQ: (215) 448-1139  
Repeater frequencies: 147.03 MHz (Roxboro input requires no PL, but outputs 91.5 Hz.)  
PL required for off-site receiver (OSR) access:  
Bucks County 131.8 Hz—Center City 103.5 Hz—Lansdale 114.8 Hz  
444.80 MHz (186.2 Hz PL)  
Simplex frequency: 147.51 MHz  
Packet BBS frequency at W3TKQ: 144.99 MHz  
Mailing Address: P.O. Box 88, Abington, PA 19001

## STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB  
W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I  
**AMATEURS (with license) ARE ALWAYS WELCOME TO OPERATE W3TKQ.**

## OFFICERS

PRESIDENT: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061  
1st VICE PRESIDENT: N3FVI, Bill Popovic, 343 Lemonte Street, Philadelphia, PA 19128 (215) 487-9472  
2nd VICE PRESIDENT: KA4LIF, Thom Scott, 7034 Gillespie Street, Philadelphia, PA 19135 (215) 331-1118  
SECRETARY: AA3CH, Russ Stafford, RD-1 Box 426, New Castle, DE 19720 (610) 497-4590  
TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238

## DIRECTORS

W3BBB (96); AA3EP (97); K3GNM (97); K3KUD (A); W3QZO (A); W3RM (96); *tba* (A)

## COMMITTEES

Archives:	W3IIN	Emerg. Coord.:	W3BBB	Refreshments:	N3FVI
Audit:	NEEDED	Field Day:	N3IEI	Repeater:	W3BBB
<i>Blur</i> Folding:	WB3KOH&J	Membership:	N3OWM	Special Events:	AA3EP
Budget:	K3KUD	Net Control:	KB3IV	VE Program:	ND3Q
Directory:	WB3KOJ	Program:	N3FVI	TVI:	W3VVS
Education:	AA3CH	Publicity:	N3IEI	W3TKQ:	KB3IV
				Welcome:	NEEDED

## Blurb STAFF

Editor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

Internet address: CHARING@CHMC.MHS.COMPUSEVERE.COM

Labels: WB3KOJ

Publisher/Typist: W3IIN

Artist: N3QIE

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting!

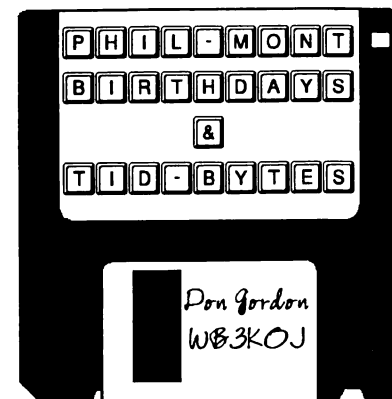
## NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
LAST WED	20:00	147.030	MHz FM	W3TKQ OPERATORS' NET

## JANUARY BIRTHDAYS

- 01 Rose Gold (XYL K2ID)  
George Starks - AA2FU
- 02 Bob Wilcox - KE3CZ
- 03 Jon Verlin - KA3VVU
- 05 Jim Foley - N3PRA
- 13 Jon Balch - W3KG
- 15 Karen Lenczynski (XYL KA3EIP)
- 16 Susan Starks (XYL AA2FU)  
Bill Sullivan - N3QMH
- 17 Lee Kovnat (XYL WB3JUA)  
Eileen Weigand (XYL AA3EP)
- 18 Marion Bubeck (XYL K3GNM)
- 19 Babs Clayton (XYL K3HIE)  
Bill Mescanti - WB3CMM
- 23 Bill Henry - N3RPZ  
Milt Soss - N3AN  
Dean Spare - N3TAL
- 25 Ronald Johnson - N3ZO
- 27 Susan Markowitz (XYL N3IZZ)
- 28 Bob Schmilewske - K3KUD
- 30 Vira Johnston (XYL K3VXU)  
Bill Kane - N3OOL
- 31 Tom Dunne - KB3AIB\*  
Jim Faries - W3AOA  
Fred Reichert - KA3BET

\*Indicates New Member - 1995



## 1996 LICENSE EXPIRATIONS

February ..... W3VVS  
April ..... K3GNM; W3YLT  
May ..... K3JR  
June ..... KD2CR  
July ..... W3AOA  
August ..... W3PST  
September .. W3KG  
October ..... N2CYA  
November ... K3HIE

To obtain renewal forms call:  
FCC faxback service—202-418-0177  
Document Retrieval #000610

Membership statistics will  
resume in March.

## HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club. Contact Ed Masarsky - KB3IV, for details.

## DIRECTORY UPDATE

With your December *Blur* you received your Dues Invoice & Directory Information Sheet. Please verify the information, and return it with your dues & optional Franklin Institute donation to: Ed Masarsky - KB3IV - 15 Poe Avenue, Wyncote PA 19095. Your early reply will speed-up the publishing of the 1996 P.M.R.C. Directory.

**"DON'T TAILGATE... WAIT"**—for the courtesy 🚗!

## How to use the internet e-mail gateway.

Russ Stafford, AA3CH

Hello new gateway user!

Our internet/packet gateway is working very well in all respects, (software, firmware as well as hardware), but users need to make sure of the address that they are sending to. Messages containing a bad address take time, and are usually killed. Be sure of the address!

The internet is very demanding if a portion of the address should be upper case, but you have it in lower case. It's now a bad address. Some addresses do not even look like an internet address, so they go nowhere. Also, showing times and dates kinda makes some of the sysops out there a little upset.

Here's how to use our system.

### \*\*\*\*FROM PACKET TO INTERNET\*\*\*\*

All messages are sent to the following address using the SP (send personal) command:  
gate@aa3ch.#sepa.pa.usa.noam

On the <title> line you enter the recipient's complete internet address.

EXAMPLE—to send a message to our editor:

```
sp gate@aa3ch.#sepa.pa.usa.noam
<title> charing@chmc.mhs.compuserve.com
<text> your message goes here.
```

After you've completed your text, you must enter the following tag line. (No tag line, no gateway!)

===== VIA METRO-LINK EPA =====

To end the message enter /EX or ctrl Z.

### \*\*\*\*FROM INTERNET TO PACKET\*\*\*\*

All messages are sent to: hamgate@hdj.com

The recipient's packet address is appended to the special prefix on the <subject> line.

EXAMPLE—to send a message to our Southern Reporter:

```
<address> hamgate@hdj.com
<subject> [hamgate@metro.com]w3sru@ke2ix.#fmy.f1.usa.noam
<text>
```

At this time all mail coming from the internet side is held for sysop review. Thus, weekend mail could be held-up for a day or two until someone has a chance to review it. In the future, selected hams will be able to bypass this review.

If the packet address ends in 'na' (North Africa) it will not be sent. You must remember that we're in 'noam' (North America).

We hope you enjoy this service from Metro-Com. ☺

## The PREZ SEZ

Steve Hoch, WU3I



As of this writing it is one scant week until W3QV repeater goes off the air from its home of 22 years [11/15/73]. W3BBB has been trying to get an extension until fair weather. Tentative plans, if we have to remove the repeater, will be to relocate it to Southampton temporarily until a permanent home is established. The offsites will be working, and the only change will be to the main site, and no phone line for auto-patch. Coverage will be changed due to the new transmitter site.

Please join me in welcoming our new officers for 1996. These are the folks that make the club go—without them, forget it.

We have had the first (and hopefully only) big snowfall of the season. 'Hope everybody is getting around well, and 'hope Santa brought you all some nice goodies. I just love the Collins amp that the

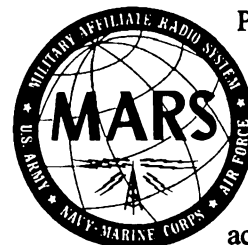
First Lady bought for me!

The biggest problem I am having though is finding a third Director to appoint. The Bylaws require this person to have been elected to office in the club in the past, and the picking is thin because *the same people run year after year!* Phil-Mont needs you to participate in the club.

I have been fortunate to have the ability to serve the club for the last four years, but I am looking at a possible schedule change at work in the future, and may have to return to night work. This would prohibit me from attending meetings. Hopefully this will not come to pass, but the possibility is real.

'Hope to see you all at the January General Meeting where Bob, W3YLT, will give a presentation on the MARS program. A very appropriate talk with our troops going to Bosnia. HAPPY HOLIDAYS TO ALL!!! ☺

## JANUARY MEETING PROGRAM



Phil-Mont's own Man from MARS (one of them anyway), Bob Freer, W3YLT, member of Army MARS since 1958, will acquaint us with the history of the MARS system, membership requirements, and assess the future of the program. Bob will reveal some of the frequencies and modes used, typical message contents, and, if you pay close attention, what the acronym MARS really stands for... also what the word acronym means, for those who have not had an opportunity to look it up. ☺

## UPCOMING

### Jan 3 General Meeting Program MARS

Bob Freer, W3YLT

Jan 4 License Examinations at  
The Franklin Institute

Jan 17 Directors' Meeting at  
WU3I & N3FTC's  
~ ~ ~

Feb 1 License Examinations at  
The Franklin Institute

Feb 7 General Meeting

Feb 21 Directors' Meeting at  
N3AXJ's  
~ ~ ~

## HAMFESTS

Check-out our *GOODIES* in this issue.

Mar 2 ABSECON, NJ  
Shore Points ARC

Mar 17 YORK, PA  
Keystone VHF Club

Mar 24 TRENTON, NJ  
Delaware Valley RA

Mar 30-31 TIMONIUM, MD  
Baltimore ARC

**Federal Communications Commission**  
1270 Fairfield Road  
Gettysburg, PA 17325  
**License Information**  
800-322-1117—M-F 0800-1630  
**Fax-On-Demand**  
202-418-0177

## V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1996 test fee is \$6.05; there is no charge for a Novice test.



### • The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads, ND3Q  
(215) 879-0505 day, (215) 448-1139 24-hours

### • BELLMAWR, NJ

Monthly, 3rd Thursday—Bill Helmatag  
(609) 546-7710

### • BRYN MAWR

Irregularly—Bob Lees  
(215) 265-6032

### • LEVITTOWN

Monthly, 1st Saturday—George LeNoir, WR3B  
(215) 943-4886

### • LINWOOD, PA—(Commercial & Amateur Exams.)

Russ Stafford, AA3CH  
(610) 358-2311

### • MORRISVILLE

Monthly, 3rd Thursday—Dave Munson, NM3K  
(215) 788-7515

### • POTTSTOWN

Monthly, 1st Monday—Warren Erdman K3ZXQ  
(215) 679-5764

### • TELFORD

Monthly, 3rd Monday—Warren Erdman K3ZXQ  
(215) 679-5764

### • UNIVERSITY OF PA

Monthly, Last Saturday—Jeff DePolo  
(215) 898-8538 shack, (215) 337-7383 home

### • WARMINSTER

Monthly, Last Wed.—Tom Michaud, WA3TQJ  
(215) 343-3494

## PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP (610) 323-1050

Apr 14&21 M.S. Walk  
May 19 Spring Challenge  
Sept 28-29 MS-150 City to Shore  
Oct (tba) Arthritis Bike Tour  
Dec (tba) Brian's Run

Continued from page 13

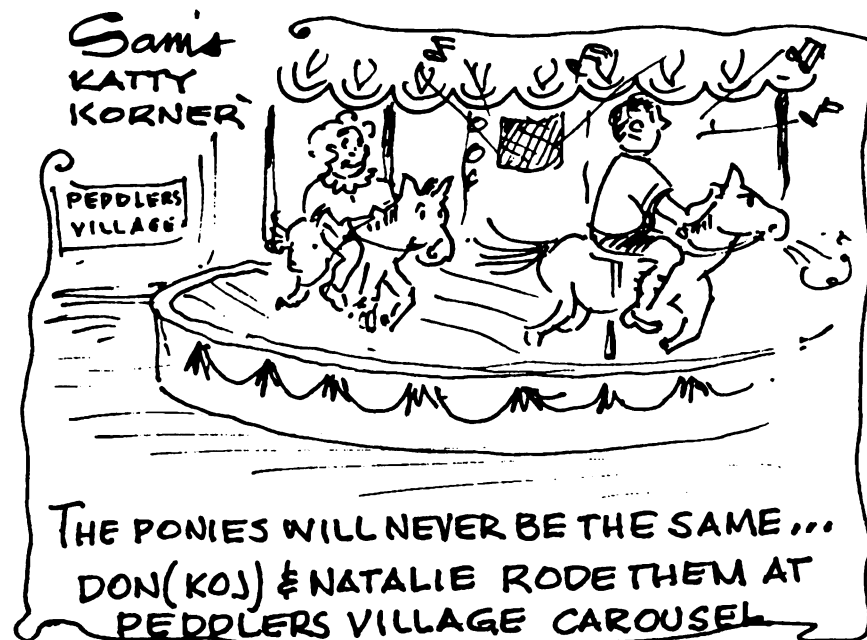
vice not be permitted to establish land-based repeaters to fill in gaps from the satellite broadcast. Such repeaters would essentially turn DARS into a terrestrial service.

Although the DARS stations would broadcast on S-Band channels between 2310 and 2360 MHz (2.3 GHz), the FCC has proposed that feeder uplinks be established in the 7 GHz band—which is heavily used already for studio-to-transmitter links and remote pickups by television broadcast stations. The Society of Broadcast Engineers has asked that DARS feeder uplink stations not be permitted within 80 kilometers of existing broadcast auxiliary receive sites.

As might be expected, a number of non-broadcasters wrote to the FCC in support of DARS, with comments ranging from the desire to see technology advance, to the suggestion that the service would provide more listening choices in rural and isolated areas.

**An historical note:** Between terrestrial digital broadcasting on existing channels—already in the testing phase—which would effectively remove the difference in audio quality between AM and FM broadcasters, and the possibility of a satellite-based radio broadcasting service, the radio industry has come a long way since what has come to be considered its first broadcast 75 years ago last month (November 2, 1920) by KDKA in Pittsburgh. That 50-watt station was actually a higher power version of experimental station 8XK, established by Dr. Frank Conrad of Westinghouse. Conrad had been given the privilege of continuing on-air operations during the wartime period of 1916-18 when other stations had to cease transmissions. His experiments built on the work of others before him to establish what was to become the radio broadcasting industry. ☺

DLARC's W3OK Corral





Federal  
Communications  
Commission  
  
Compliance & Information Bureau  
  
Interference Handbook

QST de W1AW

ARRL Bulletin 108 ARLB108  
From ARRL Headquarters  
Newington CT December 6, 1995  
To all radio amateurs

SB QST ARL ARLB108  
ARLB108 FCC book on Internet

The FCC Interference Handbook now is available on the Internet. The 22 page booklet, available from the Compliance and Information Bureau via the FCC World Wide Web home page, includes the same information and illustrations contained in the recently published Interference to Home Electronic Entertainment Equipment Handbook. It includes information about equipment installation, identifying interference sources, curing interference problems, and filters. It also contains a list of home electronic equipment manufacturers and telephone numbers. Pictures illustrate different TV interference problems, including ham or CB transmitter interference. The Interference Handbook is available on the World Wide Web at—

<http://www.fcc.gov/Bureaus/Compliance/WWW/tvibook.html> ☺

...for a great starting point for radio on the World Wide Web, check-out *Ham Radio Online Magazine*—

<http://www.accessone.com/~vbook/hronline.htm>

QST de W1AW  
ARRL Bulletin 109 ARLB109  
From ARRL Headquarters  
Newington CT December 8, 1995  
To all radio amateurs

SB QST ARL ARLB109  
ARLB109 FCC Vanity Call Sign

FCC Vanity Call Sign Application Form 610V is Now Available FCC vanity call sign application Form 610V is now available, but the FCC is not yet accepting completed forms for filing. In response to requests by radio amateurs, the ARRL has mailed 9000 copies of the form. If you requested one from the ARRL and do not receive it by December 16, call 860-594-0300. The FCC is expected to announce opening dates for the first vanity call sign filing gate in early 1996. You can obtain FCC Form 610V (along with FCC form 1070V and FCC vanity call sign information fact sheet PR 9000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. Please include an SASE. Form 610v also is available from the FCC via the internet at—

<http://www.fcc.gov/Forms/Form610V> or  
<ftp://ftp.fcc.gov/pub/Forms/Form610V/> ☺

Visit W3TKQ on the  
World Wide Web at—  
<http://sln.fi.edu/tfi/exhibits/w3tkq.html>

## MINUTES

### DECEMBER GENERAL MEETING

*Al Tribble, W3STW, Secretary*



President WU3I Steve opened the 551st PMRC General meeting at 7:40 P.M. Steve's opening comments were about receipt of a letter of thanks and a check for \$25, to The Franklin Institute Science Museum from Ms Martha Lebram. Steve, and KA4LIF Thom, operated W3TKQ during a party hosted by Ms Lebram, held on the fourth floor of the Museum.

Steve also displayed a certificate received from the Kennedy Space Center, and a letter from *Blur* editor W3IIM, Jack, informing us of the F.C.C.'s new 610R form.

Assistant Treasurer KB3IV, Ed, reported that on November 1st there was a balance of \$330.31, \$299.86 in expenses, an income of \$62.00, leaving a balance of \$92.45.

Ed, also Net Control Chairman, gave thanks to those whom, throughout the year, have helped make the CW Training and other nets operational. If you are interested in participating in net control activities, contact him.

Ed says that jacket orders will be placed in groups of twelve; prices are based on sizes—small to X-large \$45, 2X \$47 and 3X \$49. [...and then there's AA3CH size!—ed]

Emergency Coordinating and W3QV Repeater Committee Chairman W3BBB, Jim, said that the W3QV repeater is being evicted from its current location on December 31st of this year. Jim read a letter that he

had written requesting an extension of that time frame, and asked that if you know of any suitable space, please contact him. Jim also has many items of amateur radio equipment from estates that he is handling.

Special Events Chairman AA3EP Charlie, gave thanks to all that helped with the special events of 1995. Charlie and AA3CH, Russ, said that 1996 promises to be another busy year.

Budget Committee Chairman K3KUD, Bob, reported that a new budget has been drafted for 1996.

Regarding W3TKQ, Steve said that the Kenwood TS-450S has been removed for repair, and reminds us that the prohibition against two HF rigs being on at the same time should be followed. Also reporting on W3TKQ was N3FVI, Bill, who said that the station now has an Icom model TR 7400 70 cm transceiver, and that power supply repairs are complete. Modifications to increase the power level of the Kenwood ML TR 2570 2m transceiver continue.

Steve, reporting for Membership Chairman N3OWM, Ted, said that a new membership application from N3WCO, Chris, was approved at the November Directors' meeting.

Steve then turned the meeting over to the Judge of Elections W3BBB, Jim. Candidates for the December 1995 PMRC elections are: for President WU3I Steve, 1st Vice President N3FVI Bill, 2nd Vice President KA4LIF Tom, Secretary AA3CH

Russ, Treasurer KB3IV Ed. all of the above are running unopposed.

For the two Director positions, nominated are AA3EP Charlie, KE3CZ Bob and K3GNM Al. Paper ballots were distributed for the selection of two of the three candidates running for Director. Voting members present and voting 23, absentee ballots 4 total votes 27. Since the total voting members did not constitute a quorum, Jim motioned to set aside Bylaws Article 13, Section 1, for this meeting only. The motion carried, and the results of the voting were 27 for AA3EP Charlie, 18 for K3GNM Al and 7 for KE3CZ. Winners declared are AA3EP Charlie and K3GNM Al.

President Elect Steve opened the meeting to the general membership for a question and answer session about amateur radio. After the session Steve thanked guests WA2BTB Alice, XYL of K2BN, DL1ROT Tom and the 24 members for attending the night's meeting.

Thanks to N3FVI Bill, for the refreshments. ☺

## Are you sending something to the editor?

### Thanks for the effort!

How you can make my job even easier:

1. I prefer files on a diskette, or transmitted to me. I can handle almost any format.
2. Use both upper and lower case letters. Having to convert something to lower case requires almost as much time as having to completely reenter it by hand.
3. If you don't have a computer, then type-written sheets are ok, but please use both upper and lower case, a good ribbon, and clean type.
4. Put your name or call somewhere in the body, and show credits if you've 'lifted' it from another source. ☺

## GOODIES

### For Sale by PMRC

Realistic Aircraft Monitor Receiver  
108-136 MHz AM-FM ----- \$ 25

Realistic PRO 2006 Scanner  
400 channel am, wide fm, narrow fm  
covers from 25 to 520 MHz, 760 to 823.925,  
851 to 868.945, 896 to 1300 MHz.  
excellent condition in original box  
original cost \$400.00 sale ----- 250

Two Mono Monitors, one is Amber  
and one is B&W ----- ea. 15

Zenith PCs CGA mono monitor  
640 k ram 2-360k floppies  
no hard drive several available  
will supply system disk ----- ea. 35

Tandy Line Printer V  
dot matrix—working ----- 25

Commodore 64 computer  
Commodore c64c computer  
1 working 1 for parts  
1526 printer  
1525 printer  
indus gt disk drive  
1541 disk drive  
messenger modem  
direct connect modem  
assorted commodore books and guides  
assorted programs  
----- make reasonable offer  
----- maybe an even unreasonable offer!

WU3I, Steve  
wu3i@w3tkq.#epa.pa.usa.noam  
evenings: 215-535-8061

### For Private Sale

Kenwood TH22AT brand new, never used,  
in original box ----- \$200  
N3GMH, Paul  
Shop—215-463-4103  
Home—215-465-2247

BSR External CD Rom Drive includes:  
speakers, sound card, all hardware &  
software. Complete instructions &  
includes a 1995 Encyclopedia CD -- \$95  
N3AXJ, Perry 215-725-4068

## PRESS RELEASE... for Immediate Release

The Bucks County Council of the Boy Scouts of America has approved the establishment of a permanent Amateur Radio Station at the Ockanickon Scout Reservation near Point Pleasant in Bucks County. However, funds are extremely limited, and support from the Amateur Community is being sought for donations of equipment, antennas, expertise and cash donations.

The ultimate future of Ham Radio will be determined directly by how effectively we expose young people to our hobby, and provide follow-up support for classes and setting up a station. This project will help many young people get the chance to have their career directions shaped toward science and technology by gaining the hands-on experience offered through Amateur Radio.

During Boy Scout Summer Camp and selected weekends throughout the year (e.g., Jamboree on the Air) thousands of young people can experience the thrill of Ham Radio with the added opportunity of earning Merit Badges in Radio, Electronics, Computer Technology and Weather, etc. We hope to begin formal Ham Radio classes during the week scouts attend camp and then referring them to local radio clubs to complete the process of preparing for license examinations.

Donations are being sought in the following areas: (1) serviceable equipment such as an 80-10m transceiver; 2m transceiver and TNC for packet radio; 386/486 computer; CW keyer; antenna tuner; station accessories, etc.; (2) antennas such as a tri-bander; 2m/440 MHz FM vertical; VHF/UHF discone; 80-10m dipole; coax; Rohn top section w/peaked roof mount; rotator, controller and cable; grounding rod, etc.; (3) donations of time to help build the station next Spring during evenings, or for one-week periods while camp is in session to operate the station and provide instruction; and (4) donations of funds to help defray costs for equipment, books and materials which cannot be obtained through "in-kind" contributions.

Steve White, WA3IAO, is one of the organizers of this effort and, he said recently, "This is an exciting and valuable program for the next generation of Hams, but we need a lot of help. This is an important opportunity for us to give something back to the hobby which has provided us all with so much enjoyment over the years."

All cash donations will be maintained in a special attorney's trust account with a full accounting to the Boy Scouts and donees. Donations and inquiries from interested Hams may be addressed to the Boy Scout Station Trust, c/o Steven N. White, Esquire, WA3IAO, 2217 Palomino Drive, Warrington, PA 18976. Tel. 215/343-6902- 215/343-6903.

FOR FURTHER INFORMATION, please contact the above. ☺

## Call

1-800-32-NEW-HAM

for free information for  
prospective hams



## The Foundation For Amateur Radio, Inc.



Washington, DC

AMATEUR RADIO NEWS RELEASE  
For Immediate Release

THE FOUNDATION FOR AMATEUR RADIO, INC., a nonprofit organization with headquarters in Washington, D.C., plans to administer fifty-seven scholarships for the academic year 1996-1997 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds eight of these scholarships with the income from grants and its annual Hamfest. The remaining forty-nine are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2000 with preference given in some cases to the pursuit of certain study programs or to residents of specified geographical areas (Delaware, Florida, Maine, Maryland, New Jersey, Ohio, Pennsylvania, Virginia and Wisconsin). Amateur Radio clubs are encouraged to announce these opportunities at their meetings, on their nets, during training classes, and in their club newsletters.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 1996 from:

FAR Scholarships  
6903 Rhode Island Avenue  
College Park, MD 20740

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service. ☺



## MINUTES

## DECEMBER DIRECTORS' MEETING

Al Tribble, W3STW, Secretary

President WU3I Steve opened the meeting at 8:00 P.M.

Assistant Treasurer KB3IV Ed reported that on December 6 there was a balance of \$92.45, an income of \$20.00, and an expense of \$159.81. Our balance tonight was zero. Ed said the membership renewals were brisk, and that members were also donating to W3TKQ. Ed also said that the nets were in good shape.

Steve said that he had received our Special Services Club (SSC) certification. Regarding membership, applications from WB0CPR and KE3OP were accepted.

First Vice President elect N3FVI Bill, said that January's General Meeting will feature a lecture on MARS given by W3YLT Bob, and perhaps a PECO lecture in February.

Special Events Chairman AA3EP Charlie said that the MS has planned a walk for April 14th and 21st 1996; stay tuned to the *Blur* for details.

Steve submitted a VE report documenting the 1995 activities. The program had 235 participants with a 50.92 % passing rate. Starting January 1996, the examination fee will be \$6.05.

He also showed us the special certificate W3TKQ has received from the Kennedy Space Center mounted in a very nice frame he had purchased. Steve said that the ken-

wood 450 is out for repair, and may be replaced by a TS 790 six meter transceiver. W3TKQ needs operators for Mondays—if you can help, contact Steve.

Budget Committee Chairman K3KUD Bob submitted a budget for 1996.

Regarding Old Business, Steve said that he has appointed K3KUD Bob and W3QZO as Directors, and is looking for another appointee. W3IIM Jack, has been authorized to pursue the design and implementation of an internet 'home page' for the club. Steve then turned the meeting over to W3BBB Jim, for the purpose of discussing the pending relocation of W3QV.

After discussing the issue, the board agreed to have Jim directly contact the property owner to delay the move until favorable weather. If the owner does not agree, then move W3QV to C H I's Southampton (Bucks County) facility for the time being.

The meeting was adjourned 10:07 P.M. Attending were: W3BBB Jim, N3FVI Bill, W3GQD Bill, W3RM Dick, KB3IV Ed, K3GNM Al, AA3CH Russ, AA3EP Charlie, W3IIM Jack, K3KUD Bob, N3AXJ Perry, N3DHI Rick, WU3I Steve and W3STW Al.

The BoD thanks Alice and N3FVI Bill very much for opening their lovely home to us, and for the refreshments served. ☺

**CLUB INFORMATION**  
24 Hour Information Number at W3TKQ  
(215) 448-1139



# THE W 3 T K Q REPORT

## W3TKQ's new year's resolution is *improvement.*

A new UHF fm mobile radio has been purchased, and will be installed soon. We are going to upgrade several of the computers to speed things up, and increase flexibility.

The addition of six meters is also in the planning stage.

We are considering replacing the Kenwood TS-450s with a combination HF six meter transceiver.

If you have any other suggestions for improvement, or experience with combination HF & 6 meter rigs, please contact Steve, me, or check into the W3TKQ net at 8 P.M. on the last Wednesday of every month.

### Improvements require funds.

When renewing your PMRC dues, please help keep 'TKQ operating by adding the W3TKQ option (\$).

Due to Rollie's health, Monday Volunteers are needed. If you can spare even one day a month, it would help.

Get well soon Rollie.

—Bill Popovic, N3FVI

## W3TKQ Operators' Net

The last Wednesday of every month at 8 p.m., on 147.03.

Internet: <http://sln.fi.edu/tfi/exhibits/w3tkq.html>

## New media systems

DARS: A Threat to Radio Broadcasters?

Joe Chuk, W3JD

Through a Notice of Proposed Rule-making (NPRM), the FCC announced in June its intent to allow a satellite Digital Audio Radio Service (DARS). Hundreds of radio broadcast station owners wrote to the FCC during the comment period for this rulemaking with their concerns about the effect such a service would have on the traditional terrestrial broadcasting system.

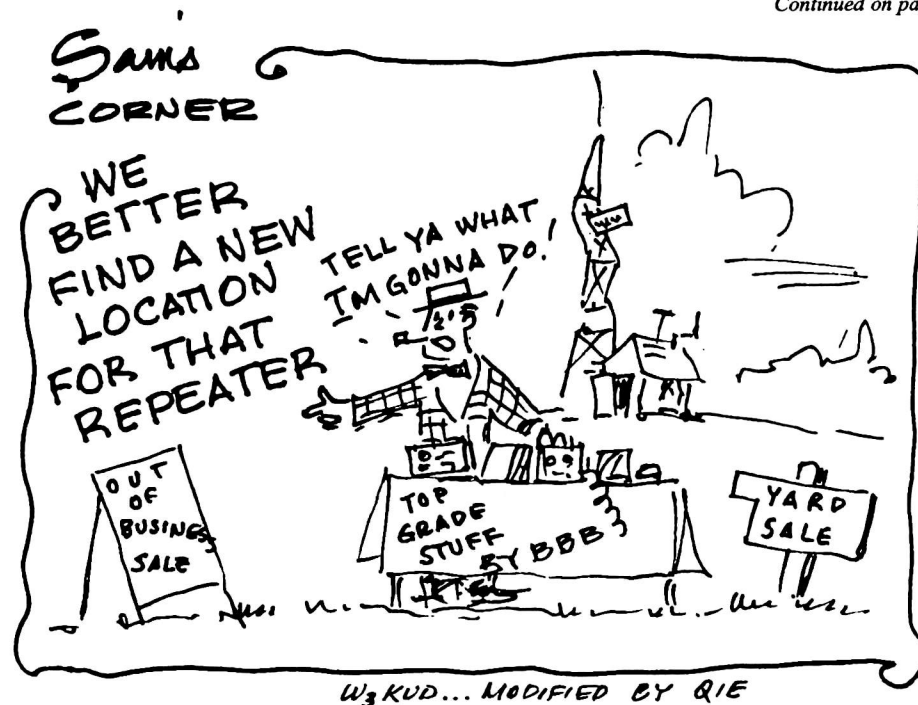
Unlike DAB (Digital Audio Broadcasting), which is basically a digital version of local radio broadcasting, DARS has the potential to provide a nationwide radio broadcasting service. Motorists would be able to drive across the country and receive the same radio station from coast to coast through a satellite receiving antenna only a few inches in diameter mounted on the roof of the car.

Current broadcasters fear that the local appeal of radio—and the viability of local stations—will be destroyed by such a service. Radio broadcasting is already a highly competitive business, with audiences becoming more and more segmented with each new station or format change. The competition of DARS could well push some marginal broadcast operations into bankruptcy.

The National Association of Broadcasters (NAB) has asked the FCC to place several restrictions on the new service. The first is that DARS be confined to a subscription-only service. Assuming that a pay service would be commercial-free, this would keep DARS from siphoning off national advertisers from terrestrial stations.

The NAB has also asked that the ser-

*Continued on page 16*





## The Phil-Mont Mobile Radio Club 1996 Budget

### Income

ARRL Renewals .....	\$ 525
<i>Blurb</i> Subscriptions .....	40
Donations .....	200
Door Prizes: 50-50 .....	400
Dues .....	3,630
Initiation/Badges .....	175
Miscellaneous Income .....	50
Project Sales .....	10
Social Events .....	00
	<b>\$5,030</b>

### Expense

Archives .....	\$ 30
ARRL Renewals .....	400
Auto Patch .....	140
Awards .....	50
Badges/Directory .....	350
<i>Blurb</i> .....	2,800
Door Prizes: 50-50 .....	150
Insurance .....	450
Memorial/Sunshine Fund .....	40
Miscellaneous Expenses .....	25
Project Expenses .....	10
Refreshments .....	225
Repeater Maintenance, Repair .....	100
Social Events .....	00
Special Events .....	150
Stationery, Postage, Supplies, Bank ....	60
W3TKQ Station .....	50
	<b>\$5,030</b>

## MORSE CODE LIVES ON!

Flashing light morse code is still a requirement for the Coast Guard's unlimited tonnage deck officer's license.

## Express Yourself With E-Mail Messages

Shorthand to convey emotional feelings to other e-mail users.

Who says that e-mail messages cannot convey emotions? While many were busy condemning the sterile, cold world of cyberspace, e-mail users invented their own shorthand to communicate their feelings to message recipients. Following is a short list of these "emoticons."

*Hint: turn page on its side.*

Expression	Characters
be right back .....	BRB
licking lips .....	;-?
disgusted .....	:-I
Oops! .....	:X
a dozen roses .....	12x--<-@
pain in in the ass .....	PITA
dumb question or person .....	<:-)
Please, tell me more .....	PTMM
See you (later). .....	CU
falling out of chair laughing ....	FOCL
Sheesh, get a life. ....	SGAL
smirk .....	:-}
grinning .....	<G>
tongue in cheek .....	:-J
happy .....	:-)
unhappy .....	:-(
hug .....	{ }
Why don't you grow up? .....	WDUGU
in my opinion .....	IMO
kisses .....	****
Yeah, sure, whatever you say. .	YSWUS
laughing .....	<L>
laughing out loud .....	LOL
Yes, I understand .....	YIU
by the way .....	BTW
wink .....	;-)

## 128<sup>TH</sup> MONTHLY VE SESSION STATISTICS DECEMBER

14 candidates took 22 elements  
3 new amateurs plus 5 upgrades

VE team members:

**Dusty Rhoads, ND3Q, Chairman**

Bill Hempsey, N3DCM; Wally Newell, K3JJO; Thom Scott; KA4LIF;  
Dick Malone, N3MGS; Jim McCloskey, KE3OP;  
Jeff Kerber, KE3UV; Bob Freer, W3YLT

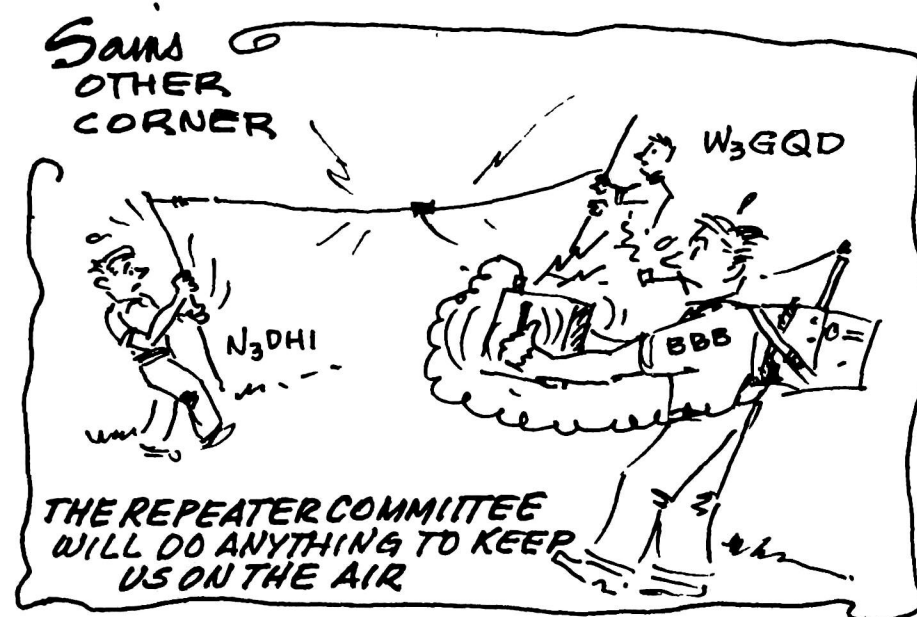
**AMATEUR LICENSE EXAMS HELD ON THE FIRST  
NON-HOLIDAY THURSDAY OF EVERY MONTH**  
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

**THE FRANKLIN INSTITUTE  
SCIENCE MUSEUM**

For Information Call ND3Q at  
(215) 448-1139 or 879-0505

Accessible by the handicapped.



1996

## JANUARY

1996

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<b>1</b>  <i>New Year's Day</i>	<b>2</b> CODE PRACTICE NET at 8 PM N3FVI	<b>3</b> GENERAL MEETING at The Franklin Institute Refreshments at 7:00 p.m. Meeting starts at 7:30	<b>4</b> LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. <i>sharp!</i>	<b>5</b> ○	<b>6</b>
<b>7</b> 2M NCS W3STW 10M NCS W3HFX 75M NCS W3PWG	<b>8</b>	<b>9</b> CODE PRACTICE NET at 8 PM W3RM  <i>Richard Nixon 1913</i>	<b>10</b>  <i>Robt. E. Lee 1807</i>	<b>11</b>	<b>12</b>	<b>13</b>
<b>14</b> 2M NCS KB3IV 10M NCS W3HFX 75M NCS AA3CH	<b>15</b>  <i>M. L. King 1929</i>	<b>16</b> CODE PRACTICE NET at 8 PM K3JJO	<b>17</b> DIRECTORS' MEETING at N3FTC & WU3I's  <i>Ben. Franklin 1706</i>	<b>18</b>	<b>19</b>	<b>20</b> ●
<b>21</b> 2M NCS N3FTY 10M NCS W3HFX 75M NCS W3STW  <i>Stonewall Jackson 1824</i>	<b>22</b>	<b>23</b> CODE PRACTICE NET at 8 PM WA3NSP	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>
<b>28</b> 2M NCS W3GQD 10M NCS W3HFX 75M NCS KB3IV	<b>29</b>	<b>30</b> CODE PRACTICE NET at 8 PM N3FVI  <i>F. D. Roosevelt 1882</i>	<b>31</b> W3TKQ OPERATORS' NET 8 PM		<b>A government that            robs Peter to pay            Paul can always            depend upon the            support of Paul.  <i>George Bernard Shaw</i></b>	